

Insulin-regulated serine and lipid metabolism drive per

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Divergent amino acid and sphingolipid metabolism in patients with inherited neuro-retinal disease. <i>Molecular Metabolism</i> , 2023, 72, 101716.	6.5	2
2	Serine deficiency causes complications in diabetes. <i>Nature</i> , 2023, 614, 42-43.	27.8	1
3	Serine slows diabetic neuropathy in mice. <i>Nature Reviews Endocrinology</i> , 2023, 19, 187-187.	9.6	2
4	Specific Deoxyceramide Species Correlate with Expression of Macular Telangiectasia Type 2 (MacTel2) in a SPTLC2 Carrier HSAN1 Family. <i>Genes</i> , 2023, 14, 931.	2.4	0
5	New perspectives in diabetic neuropathy. <i>Neuron</i> , 2023, 111, 2623-2641.	8.1	12
7	Sources and Sinks of Serine in Nutrition, Health, and Disease. <i>Annual Review of Nutrition</i> , 2023, 43, 123-151.	10.1	6
8	Effects of Fructose and Palmitic Acid on Gene Expression in <i>Drosophila melanogaster</i> Larvae: Implications for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2023, 24, 10279.	4.1	1
9	Time-Dependent Changes in the Bladder Muscle Metabolome After Traumatic Spinal Cord Injury in Rats Using Metabolomics. <i>International Neurourology Journal</i> , 2023, 27, 88-98.	1.2	0
10	Revisiting the role of serine metabolism in hepatic lipogenesis. <i>Nature Metabolism</i> , 2023, 5, 760-761.	11.9	1
11	Twelve Weeks of Oral L-Serine Supplementation Improves Glucose Tolerance, Reduces Visceral Fat Pads, and Reverses the mRNA Overexpression of Renal Injury Markers KIM-1, IL-6, and TNF- α in a Mouse Model of Obesity. <i>Nutraceuticals</i> , 2023, 3, 262-273.	1.7	0
12	Energy metabolic mechanisms for high altitude sickness: Downregulation of glycolysis and upregulation of the lactic acid/amino acid-pyruvate-TCA pathways and fatty acid oxidation. <i>Science of the Total Environment</i> , 2023, 894, 164998.	8.0	2
13	Serine supplementation: Is it a new option for the treatment of diabetic polyneuropathy?. <i>Journal of Diabetes Investigation</i> , 0, , .	2.4	0
15	Methionine and H ₂ S alter cancer-immune dialogue. <i>Nature Metabolism</i> , 2023, 5, 1456-1458.	11.9	1
16	Unlocking the Potential: Amino Acids™ Role in Predicting and Exploring Therapeutic Avenues for Type 2 Diabetes Mellitus. <i>Metabolites</i> , 2023, 13, 1017.	2.9	1
17	Metabolic bias: Lipid structures as determinants of their metabolic fates. <i>Biochimie</i> , 2023, 215, 34-41.	2.6	1
18	Serine deficiency exacerbates psoriatic skin inflammation by regulating S-adenosyl methionine-dependent DNA methylation and NF- κ B signalling activation in keratinocytes. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2024, 38, 145-156.	2.4	0
19	Methods to Study Metabolomics. <i>Endocrinology</i> , 2023, , 1-41.	0.1	0
20	Electrochemical Biosensors for Amino Acids Detection. , 2023, , 119-136.		0

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21	Temporal serum metabolomic and lipidomic analyses distinguish patients with access-related hand disability following arteriovenous fistula creation. <i>Scientific Reports</i> , 2023, 13, .	3.3	0
22	Integrating plasma metabolomics and gut microbiome to reveal the mechanisms of Huangqi Guizhi Wuwu Decoction intervene diabetic peripheral neuropathy. <i>Journal of Ethnopharmacology</i> , 2024, 319, 117301.	4.1	0
23	Formate Might Be a Novel Potential Serum Metabolic Biomarker for Type 2 Diabetic Peripheral Neuropathy. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 16, 3147-3160.	2.4	0
25	Advantages of omics approaches for elucidating metabolic changes in diabetic peripheral neuropathy. <i>Frontiers in Endocrinology</i> , 0, 14, .	3.5	0
26	Dietary restriction of isoleucine increases healthspan and lifespan of genetically heterogeneous mice. <i>Cell Metabolism</i> , 2023, 35, 1976-1995.e6.	16.2	5
27	Barrier Abnormalities in Type 1 Diabetes Mellitus: The Roles of Inflammation and Ceramide Metabolism. <i>Journal of Investigative Dermatology</i> , 2023, , .	0.7	0
28	Validation of an Integrated Genetic&Epi-genetic Test for the Assessment of Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2023, 12, .	3.7	2
29	Correlation study of renal function indices with diabetic peripheral neuropathy and diabetic retinopathy in T2DM patients with normal renal function. <i>Frontiers in Public Health</i> , 0, 11, .	2.7	1
30	Explainable Machine Learning-Based Prediction Model for Diabetic Nephropathy. <i>Journal of Diabetes Research</i> , 2024, 2024, 1-13.	2.3	1
31	A comprehensive review on signaling attributes of serine and serine metabolism in health and disease. <i>International Journal of Biological Macromolecules</i> , 2024, 260, 129607.	7.5	0
32	Glyoxal in Foods: Formation, Metabolism, Health Hazards, and Its Control Strategies. <i>Journal of Agricultural and Food Chemistry</i> , 2024, 72, 2434-2450.	5.2	0
34	Methods to Study Metabolomics. <i>Endocrinology</i> , 2024, , 29-69.	0.1	0
35	Racemization of the substrate and product by serine palmitoyltransferase from <i>Sphingobacterium multivorum</i> yields two enantiomers of the product from d-serine. <i>Journal of Biological Chemistry</i> , 2024, 300, 105728.	3.4	0
36	Circulating N-lactoyl-amino acids and N-formyl-methionine reflect mitochondrial dysfunction and predict mortality in septic shock. <i>Metabolomics</i> , 2024, 20, .	3.0	0
37	Dietary serine intake is associated with cognitive function among US adults. <i>Food and Function</i> , 2024, 15, 3744-3751.	4.6	0
38	Roles of Sirt1 and its modulators in diabetic microangiopathy: A review. <i>International Journal of Biological Macromolecules</i> , 2024, 264, 130761.	7.5	0
40	2-Hydroxy-5-nitro-3-(trifluoromethyl)pyridine as a Novel Matrix for Enhanced MALDI Imaging of Tissue Metabolites. <i>Analytical Chemistry</i> , 2024, 96, 5160-5169.	6.5	0